

Sexually Transmitted Disease in Wisconsin 2010



Wisconsin STD Control Section
State of Wisconsin

Wisconsin sexually transmitted disease surveillance report, 2010

15-19 years of age

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	7,649	100.0%	1,893	1,612	100.0%	399	14	100.0%	3	9,275	100.0%	2,296
Sex												
Male	1,541	20.1%	744	480	29.8%	232	9	64.3%	4	2,030	21.9%	981
Female	6,066	79.3%	3,078	1,127	69.9%	572	5	35.7%	3	7,198	77.6%	3,653
Unknown	42	0.5%	-	5	0.3%	-	0	0.0%	-	47	0.5%	-
Race												
White	2,178	28.5%	625	197	12.2%	57	0	0.0%	0	2,375	25.6%	682
African American	2,871	37.5%	7,572	942	58.4%	2,484	11	78.6%	29	3,824	41.2%	10,085
American Indian	106	1.4%	1,935	26	1.6%	475	0	0.0%	0	132	1.4%	2,410
Asian/Pacific Islander	64	0.8%	515	5	0.3%	40	1	7.1%	8	70	0.8%	563
Other	122	1.6%	-	12	0.7%	-	2	14.3%	-	136	1.5%	-
Unknown	2,308	30.2%	-	430	26.7%	-	0	0.0%	-	2,738	29.5%	-
Hispanic ethnicity												
Hispanic	383	5.0%	1,482	40	2.5%	155	2	14.3%	8	425	4.6%	1,644
Not Hispanic	4,116	53.8%	1,088	952	59.1%	252	12	85.7%	3	5,080	54.8%	1,343
Unknown	3,150	41.2%	-	620	38.5%	-	0	0.0%	-	3,770	40.6%	-
Age												
0-4	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
5-9	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
10-14	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
15-19	7,649	100.0%	1,893	1,612	100.0%	399	14	100.0%	3	9,275	100.0%	2,296
20-24	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
25-29	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
30-34	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
35-39	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
40-44	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
45-49	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
50+	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Region of residence												
Northeastern	945	12.4%	1,128	152	9.4%	181	1	7.1%	1	1,098	11.8%	1,311
Northern	261	3.4%	775	14	0.9%	42	0	0.0%	0	275	3.0%	816
Southeastern	4,840	63.3%	3,350	1,301	80.7%	901	11	78.6%	8	6,152	66.3%	4,258
Southern	1,066	13.9%	1,270	134	8.3%	160	2	14.3%	2	1,202	13.0%	1,432
Western	536	7.0%	921	11	0.7%	19	0	0.0%	0	547	5.9%	940
Unknown	1	0.0%	-	0	0.0%	-	0	0.0%	-	1	0.0%	-

* Demographic breakdown not available for diseases with less than 5 cases reported.

** Cases per 100,000 population

Wisconsin sexually transmitted disease surveillance report, 2010

Reported cases by region and county

15-19 years of age

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Northeastern												
Brown	267	3.5%	1,508	88	5.5%	497	0	0.0%	0	355	3.8%	2,005
Calumet	29	0.4%	946	3	0.2%	98	0	0.0%	0	32	0.3%	1,044
Door	9	0.1%	526	1	0.1%	58	0	0.0%	0	10	0.1%	584
Fond du lac	66	0.9%	896	13	0.8%	177	0	0.0%	0	79	0.9%	1,073
Green Lake	18	0.2%	1,579	0	0.0%	0	0	0.0%	0	18	0.2%	1,579
Kewaunee	14	0.2%	1,084	3	0.2%	232	0	0.0%	0	17	0.2%	1,316
Manitowoc	37	0.5%	680	3	0.2%	55	0	0.0%	0	40	0.4%	736
Marinette	16	0.2%	587	1	0.1%	37	0	0.0%	0	17	0.2%	624
Marquette	8	0.1%	942	1	0.1%	118	0	0.0%	0	9	0.1%	1,060
Menominee	18	0.2%	4,157	1	0.1%	231	0	0.0%	0	19	0.2%	4,388
Oconto	48	0.6%	1,965	7	0.4%	287	0	0.0%	0	55	0.6%	2,251
Outagamie	121	1.6%	967	9	0.6%	72	0	0.0%	0	130	1.4%	1,039
Shawano	27	0.4%	1,004	0	0.0%	0	0	0.0%	0	27	0.3%	1,004
Sheboygan	82	1.1%	1,068	5	0.3%	65	0	0.0%	0	87	0.9%	1,133
Waupaca	30	0.4%	838	1	0.1%	28	0	0.0%	0	31	0.3%	866
Waushara	7	0.1%	401	0	0.0%	0	0	0.0%	0	7	0.1%	401
Winnebago	148	1.9%	1,297	16	1.0%	140	1	7.1%	9	165	1.8%	1,446
Region total	945	12.4%	1,128	152	9.4%	181	1	7.1%	1	1,098	11.8%	1,311
Northern												
Ashland	1	0.0%	76	0	0.0%	0	0	0.0%	0	1	0.0%	76
Bayfield	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
Florence	1	0.0%	341	0	0.0%	0	0	0.0%	0	1	0.0%	341
Forest	11	0.1%	1,475	0	0.0%	0	0	0.0%	0	11	0.1%	1,475
Iron	3	0.0%	865	0	0.0%	0	0	0.0%	0	3	0.0%	865
Langlade	2	0.0%	155	1	0.1%	77	0	0.0%	0	3	0.0%	232
Lincoln	13	0.2%	597	0	0.0%	0	0	0.0%	0	13	0.1%	597
Marathon	88	1.2%	987	7	0.4%	79	0	0.0%	0	95	1.0%	1,065
Oneida	16	0.2%	759	0	0.0%	0	0	0.0%	0	16	0.2%	759
Portage	55	0.7%	894	2	0.1%	33	0	0.0%	0	57	0.6%	927
Price	8	0.1%	897	0	0.0%	0	0	0.0%	0	8	0.1%	897
Sawyer	3	0.0%	283	0	0.0%	0	0	0.0%	0	3	0.0%	283
Taylor	11	0.1%	858	0	0.0%	0	0	0.0%	0	11	0.1%	858
Vilas	9	0.1%	718	1	0.1%	80	0	0.0%	0	10	0.1%	797
Wood	40	0.5%	821	3	0.2%	62	0	0.0%	0	43	0.5%	882
Region total	261	3.4%	775	14	0.9%	42	0	0.0%	0	275	3.0%	816
Southeastern												
Kenosha	253	3.3%	1,987	65	4.0%	511	0	0.0%	0	318	3.4%	2,498
Milwaukee	3,910	51.1%	5,737	1,155	71.7%	1,695	11	78.6%	16	5,076	54.7%	7,448
Ozaukee	23	0.3%	358	1	0.1%	16	0	0.0%	0	24	0.3%	374
Racine	406	5.3%	2,889	49	3.0%	349	0	0.0%	0	455	4.9%	3,238
Walworth	50	0.7%	654	3	0.2%	39	0	0.0%	0	53	0.6%	693
Washington	44	0.6%	509	4	0.2%	46	0	0.0%	0	48	0.5%	555
Waukesha	154	2.0%	574	24	1.5%	90	0	0.0%	0	178	1.9%	664
Region total	4,840	63.3%	3,350	1,301	80.7%	901	11	78.6%	8	6,152	66.3%	4,258

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Southern												
Adams	7	0.1%	630	1	0.1%	90	0	0.0%	0	8	0.1%	720
Columbia	27	0.4%	778	3	0.2%	86	0	0.0%	0	30	0.3%	865
Crawford	2	0.0%	145	0	0.0%	0	0	0.0%	0	2	0.0%	145
Dane	546	7.1%	1,504	97	6.0%	267	2	14.3%	6	645	7.0%	1,777
Dodge	65	0.8%	1,176	4	0.2%	72	0	0.0%	0	69	0.7%	1,248
Grant	24	0.3%	505	2	0.1%	42	0	0.0%	0	26	0.3%	547
Green	25	0.3%	1,029	2	0.1%	82	0	0.0%	0	27	0.3%	1,112
Iowa	6	0.1%	390	1	0.1%	65	0	0.0%	0	7	0.1%	455
Jefferson	52	0.7%	836	1	0.1%	16	0	0.0%	0	53	0.6%	852
Juneau	28	0.4%	1,547	2	0.1%	110	0	0.0%	0	30	0.3%	1,657
Lafayette	2	0.0%	169	0	0.0%	0	0	0.0%	0	2	0.0%	169
Richland	4	0.1%	325	0	0.0%	0	0	0.0%	0	4	0.0%	325
Rock	246	3.2%	2,181	20	1.2%	177	0	0.0%	0	266	2.9%	2,358
Sauk	30	0.4%	809	1	0.1%	27	0	0.0%	0	31	0.3%	836
Vernon	2	0.0%	101	0	0.0%	0	0	0.0%	0	2	0.0%	101
Region total	1,066	13.9%	1,270	134	8.3%	160	2	14.3%	2	1,202	13.0%	1,432
Western												
Barron	23	0.3%	787	1	0.1%	34	0	0.0%	0	24	0.3%	821
Buffalo	14	0.2%	1,557	0	0.0%	0	0	0.0%	0	14	0.2%	1,557
Burnett	7	0.1%	702	1	0.1%	100	0	0.0%	0	8	0.1%	802
Chippewa	60	0.8%	1,488	1	0.1%	25	0	0.0%	0	61	0.7%	1,513
Clark	10	0.1%	407	1	0.1%	41	0	0.0%	0	11	0.1%	447
Douglas	28	0.4%	989	2	0.1%	71	0	0.0%	0	30	0.3%	1,060
Dunn	33	0.4%	772	0	0.0%	0	0	0.0%	0	33	0.4%	772
Eau Claire	76	1.0%	858	1	0.1%	11	0	0.0%	0	77	0.8%	869
Jackson	17	0.2%	1,285	1	0.1%	76	0	0.0%	0	18	0.2%	1,361
La Crosse	105	1.4%	1,059	2	0.1%	20	0	0.0%	0	107	1.2%	1,080
Monroe	46	0.6%	1,474	1	0.1%	32	0	0.0%	0	47	0.5%	1,506
Pepin	5	0.1%	1,055	0	0.0%	0	0	0.0%	0	5	0.1%	1,055
Pierce	19	0.2%	481	0	0.0%	0	0	0.0%	0	19	0.2%	481
Polk	25	0.3%	823	0	0.0%	0	0	0.0%	0	25	0.3%	823
Rusk	9	0.1%	896	0	0.0%	0	0	0.0%	0	9	0.1%	896
St. Croix	42	0.5%	789	0	0.0%	0	0	0.0%	0	42	0.5%	789
Trempealeau	12	0.2%	674	0	0.0%	0	0	0.0%	0	12	0.1%	674
Washburn	5	0.1%	510	0	0.0%	0	0	0.0%	0	5	0.1%	510
Region total	536	7.0%	921	11	0.7%	19	0	0.0%	0	547	5.9%	940
Unknown												
Unknown	1	0.0%	-	0	0.0%	-	0	0.0%	-	1	0.0%	-
Region total	1	0.0%		0	0.0%		0	0.0%		1	0.0%	
Total	7,649	100.0%	1,893	1,612	100.0%	399	14	100.0%	3	9,275	100.0%	2,296

** Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2010
Unadjusted* and imputed cases per 100,000 population by race**
15-19 years of age

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	625	835	7,572	11,648	1,935	2,342	515	630
Gonorrhea	57	65	2,484	3,472	475	537	40	43
Syphilis	0	0	29	29	0	0	8	8
Total	682	899	10,085	15,149	2,410	2,879	563	681

* The unadjusted rate is the number reported cases with specified race per 100,000 population. Because some cases are reported without specified race, the unadjusted rate under-estimates actual morbidity and thus should be regarded as a minimum estimate.

** The imputed rate takes into consideration cases reported without race specified. To calculate the imputed rate reported cases with unspecified race were statistically allocated using the age-sex-county-specific race distribution for cases with specified race. Thus, imputed rates specified in this table are estimates.

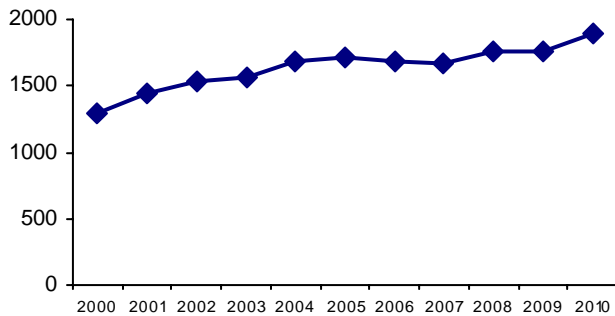
Wisconsin sexually transmitted disease surveillance report, 2010

Reported cases by year of diagnosis, past ten years

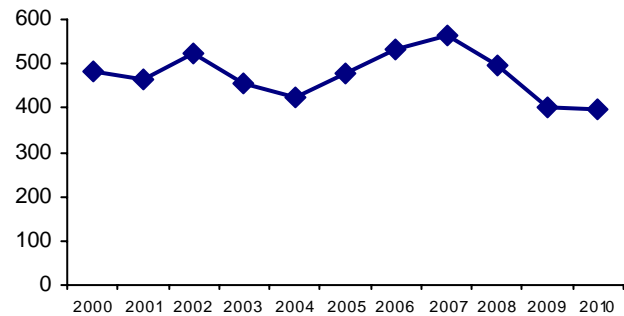
15-19 years of age

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
2001	5,965	1,437	1,936	466	4	1	7,905	1,904
2002	6,418	1,541	2,181	524	3	1	8,602	2,065
2003	6,479	1,562	1,893	456	6	1	8,378	2,020
2004	7,017	1,691	1,755	423	10	2	8,782	2,116
2005	7,091	1,710	1,982	478	2	0	9,075	2,188
2006	6,943	1,680	2,198	532	8	2	9,149	2,213
2007	6,900	1,676	2,317	563	11	3	9,228	2,241
2008	7,188	1,758	2,033	497	10	2	9,231	2,258
2009	7,102	1,758	1,624	402	14	3	8,740	2,163
2010	7,649	1,893	1,612	399	14	3	9,275	2,296

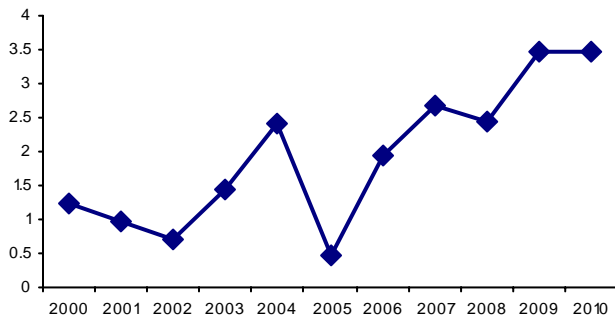
Chlamydia rate*



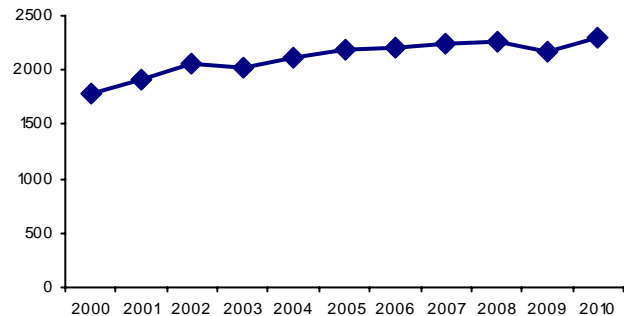
Gonorrhea rate*



Syphilis rate*



Total rate*



* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2010

Syphilis cases by disease stage

15-19 years of age

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	0	-	0.0	5	100.0%	1.2	7	100.0%	1.7	12	100.0%	3.0
Sex												
Male	0	-	0.0	3	60.0%	1.4	5	71.4%	2.4	8	66.7%	3.9
Female	0	-	0.0	2	40.0%	1.0	2	28.6%	1.0	4	33.3%	2.0
Race												
African American	0	-	0.0	3	60.0%	7.9	6	85.7%	15.8	9	75.0%	23.7
Asian/Pacific Islander	0	-	0.0	1	20.0%	8.0	0	0.0%	0.0	1	8.3%	8.0
Other	0	-	-	1	20.0%	-	1	14.3%	-	2	16.7%	-
Hispanic ethnicity												
Hispanic	0	-	0.0	1	20.0%	3.9	1	14.3%	3.9	2	16.7%	7.7
Non Hispanic	0	-	-	4	80.0%	-	6	85.7%	-	10	83.3%	-
Age												
0-4	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
5-9	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
10-14	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
15-19	0	0.0%	0.0	5	100.0%	1.2	7	100.0%	1.7	12	100.0%	3.0
20-24	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
25-29	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
30-34	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
35-39	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
40-44	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
45-49	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
50+	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-

* Cases per 100,000 population

** Primary, secondary and early latent cases.

Wisconsin sexually transmitted disease surveillance report, 2010

Syphilis cases by disease stage

15-19 years of age

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	2	100.0%	0.5	0	-	0.0	0	0.0%	0.0	14	100.0%	3.5
Sex												
Male	1	50.0%	0.5	0	-	0.0	0	0.0%	0.0	9	64.3%	4.3
Female	1	50.0%	0.5	0	-	0.0	0	0.0%	0.0	5	35.7%	2.5
Race												
African American	2	100.0%	5.3	0	-	0.0	0	0.0%	0.0	11	78.6%	29.0
Asian/Pacific Islander	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	1	7.1%	8.0
Other	0	0.0%	-	0	-	-	0	0.0%	-	2	14.3%	-
Hispanic ethnicity												
Hispanic	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	2	14.3%	7.7
Non Hispanic	2	100.0%	-	0	-	-	0	0.0%	-	12	85.7%	-
Age												
0-4	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
5-9	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
10-14	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
15-19	2	100.0%	0.5	0	0.0%	0.0	0	0.0%	0.0	14	100.0%	3.5
20-24	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
25-29	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
30-34	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
35-39	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
40-44	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
45-49	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
50+	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-

* Cases per 100,000 population

Technical notes

1. These reports are compiled by the Wisconsin STD Program and are based on STD case surveillance data collected by the Wisconsin Division of Public Health (DPH). In Wisconsin, state statutes require health care providers to report cases of chlamydia, gonorrhea, syphilis, chancroid, and pelvic inflammatory disease to local health departments. Local health departments in turn forward reports to the DPH.
2. These reports include cases diagnosed within the specified period. Additional cases diagnosed within the specified period may continue to be reported. Thus, this report should be considered provisional, and this report supercedes all previous reports.
3. Reporting of STDs cases is incomplete. Reporting rates may vary by disease, geographic region, and demographic groups. At any time, reported STD cases represent only part of the total number of diagnosed cases, therefore STD surveillance data likely underestimate total STD morbidity.
4. In these reports, rates presented are cases per 100,000 population. Rates are not calculated for categories with small numbers of cases. See each report for the rate calculation threshold.
5. Typically a significant number of STD cases are reported with unspecified race. When noted, imputed race-specific rates have been calculated. To calculate the imputed rate, reported cases with unspecified race were statistically allocated using the county-specific race distribution among cases with specified race. Thus, imputed rates specified in this table are estimates and should be used only for comparison.
6. In these reports, cases are allocated to the county of residence at the time of diagnosis. Cases diagnosed among inmates of correctional facilities are allocated to the county of the facility.

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